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Appln. No. 10/721,034

Applicant: T. Douglas Mast

Filed: November 24, 2003

Group: 3768

U.S. PATENT DOCUMENTS

Examiner		Document No.	Date	Name	Class	Sub	
		4,315,514	02/16/1982	Drewes et al.			
		4,323,077	04/06/1982	Smith			
		4,484,569	11/27/1984	Driller et al.			
		4,646,756	03/03/1987	Watmough et al.			
		4,757,820	07/19/1988	Itoh			
		4,787,394	11/29/1988	Ogura			
		4,818,954	04/04/1989	Flachenecker et al.			
		4,858,613	08/22/1989	Fry et al.			
		4,932,414	06/12/1990	Coleman et al.			
		4,951,653	08/28/1990	Fry et al.			
		4,955,365	09/11/1990	Fry et al.			
		4,955,366	09/11/1990	Uchiyama et al.			
		4,960,107	10/02/1990	Aida et al.			
		4,984,575	01/15/1991	Uchiyama et al.			
		4,986,275	01/22/1991	Ishida et al.			
		5,005,580	04/09/1991	Okazaki			
		5,015,929	05/14/1991	Cathignol et al.			
		5,031,626	07/16/1991	Hassler et al.			
		5,036,855	08/06/1991	Fry et al.			
		5,054,470	10/08/1991	Fry et al.			
		5,078,144	01/07/1992	Sekino et al.			
		5,080,101	01/14/1992	Dory			
		5,080,102	01/14/1992	Dory			
		5,095,907	03/17/1992	Kudo et al.			
		5,143,073	09/01/1992	Dory			
		5,143,074	09/01/1992	Dory			
		5,149,319	09/22/1992	Unger			
		5,150,712	09/29/1992	Dory			
		5,158,070	10/27/1992	Dory			
		5,158,071	10/27/1992	Umemura et al.			
		5,203,333	04/20/1993	Nomura			
		5,209,221	05/11/1993	Riedlinger			
		5,240,005	08/31/1993	Viebach			

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		5,295,484	03/22/1994	Marcus et al.			
		5,304,115	04/19/1994	Pflueger et al.			
		5,311,869	05/17/1994	Okazaki			
		5,345,940	09/13/1994	Seward et al.			
		5,370,121	12/06/1994	Reichenberger et al.			
		5,391,140	02/21/1995	Schaetzle et al.			
		5,402,792	04/04/1995	Kimura			
		5,409,002	04/25/1995	Pell			
		5,431,663	07/11/1995	Carter			
		5,435,304	07/25/1995	Oppelt et al.			
		5,435,311	07/25/1995	Umemura et al.			
		5,443,069	08/22/1995	Schaetzle			
		5,448,994	09/12/1995	Iinuma			
		5,474,071	12/12/1995	Chapelon et al.			
		5,485,839	01/23/1996	Aida et al.			
		5,520,188	05/28/1996	Hennige et al.			
		5,522,869	06/04/1996	Burdette et al.			
		5,524,620	06/11/1996	Rosenschein			
		5,526,815	06/18/1996	Granz et al.			
		5,526,822	06/18/1996	Burbank et al.			
		5,540,656	07/30/1996	Pflueger et al.			
		5,545,195	08/13/1996	Lennox et al.			
		5,549,638	08/27/1996	Burdette			
		5,553,618	09/10/1996	Suzuki et al.			
		5,569,241	10/29/1996	Edwards			
		5,571,088	11/05/1996	Lennox et al.			
		5,573,497	11/12/1996	Chapelon			
		5,575,772	11/19/1996	Lennox			
		5,575,789	11/19/1996	Bell et al.			
		5,582,588	12/10/1996	Sakurai et al.			
		5,588,432	12/31/1996	Crowley			
		5,590,657	01/07/1997	Cain et al.			
		5,596,991	01/28/1997	Tanaka			
		5,601,526	02/11/1997	Chapelon et al.			
		5,606,975	03/04/1997	Liang et al.			

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		5,620,479	04/15/1997	Diederich			
		5,624,382	04/29/1997	Oppelt et al.			
		5,628,743	05/13/1997	Cimino			
		5,643,179	07/01/1997	Fujimoto			
		5,649,547	07/22/1997	Ritchart et al.			
		5,657,760	08/19/1997	Ying et al.			
		5,665,054	09/09/1997	Dory			
		5,666,954	09/16/1997	Chapelon et al.			
		5,676,692	10/14/1997	Sanghvi et al.			
		5,687,729	11/18/1997	Schaetzle			
		5,694,936	12/09/1997	Fujimoto et al.			
		5,697,897	12/16/1997	Buchholtz et al.			
		5,699,804	12/23/1997	Rattner			
		5,699,805	12/23/1997	Seward et al.			
		5,703,922	12/30/1997	Rattner			
		5,720,287	02/24/1998	Chapelon et al.			
		5,722,411	03/03/1998	Suzuki et al.			
		5,728,062	03/17/1998	Briskin			
		5,733,315	03/31/1998	Burdette et al.			
		5,735,280	04/07/1998	Sherman et al.			
		5,735,796	04/07/1998	Granz et al.			
		5,738,635	04/14/1998	Chapelon et al.			
		5,743,862	04/28/1998	Izumi			
		5,743,863	04/28/1998	Chapelon			
		5,746,224	05/05/1998	Edwards			
		5,759,162	06/02/1998	Oppelt et al.			
		5,762,066	06/09/1998	Law et al.			
		5,769,086	06/23/1998	Ritchart et al.			
		5,769,790	06/23/1998	Watkins et al.			
		5,782,764	07/21/1998	Werne			
		5,788,636	08/04/1998	Curley			
		5,800,379	09/01/1998	Edwards			
		5,807,308	09/15/1998	Edwards			
		5,817,021	10/06/1998	Reichenberger			
		5,817,049	10/06/1998	Edwards			

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		5,820,580	10/13/1998	Edwards et al.			
		5,823,962	10/20/1998	Schaetzle et al.			
		5,836,896	11/17/1998	Rosenschein			
		5,840,031	11/24/1998	Crowley			
		5,860,974	01/19/1999	Abele			
		5,873,828	02/23/1999	Fujio et al.			
		5,873,845	02/23/1999	Cline et al.			
		5,873,902	02/23/1999	Sanghvi et al.			
		5,882,302	03/16/1999	Driscoll, Jr. et al.			
		5,893,835	04/13/1999	Witt et al.			
		5,895,356	04/20/1999	Ardrus et al.			
		5,897,495	04/27/1999	Aida et al.			
		5,938,600	08/17/1999	Van Vaals et al.			
		5,938,608	08/17/1999	Bieger et al.			
		5,944,663	08/31/1999	Kuth et al.			
		5,964,755	10/12/1999	Edwards			
		5,976,105	11/02/1999	Marcove et al.			
		5,984,881	11/16/1999	Ishibashi et al.			
		5,984,882	11/16/1999	Rosenschein et al.			
		5,993,389	11/30/1999	Driscoll, Jr. et al.			
		6,004,269	12/21/1999	Crowley et al.			
		6,024,718	02/15/2000	Chen et al.			
		6,024,740	02/15/2000	Lesh et al.			
		6,039,689	03/21/2000	Lizzi			
		6,042,556	03/28/2000	Beach et al.			
		6,050,943	04/18/2000	Slayton et al.			
		6,053,868	04/25/2000	Geistert et al.			
		6,059,731	05/09/2000	Seward et al.			
		6,063,050	05/16/2000	Manna et al.			
		6,066,123	05/23/2000	Li et al.			
		6,071,238	06/06/2000	Chapelon et al.			
		6,071,239	06/06/2000	Cribbs et al.			
		6,071,279	06/06/2000	Whayne et al.			
		6,086,535	07/11/2000	Ishibashi et al.			
		6,088,613	07/11/2000	Unger			

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		6,106,470	08/22/2000	Geiser et al.			
		6,106,517	08/22/2000	Zupkas			
		6,113,558	09/05/2000	Rosenschein et al.			
		6,117,101	09/12/2000	Diederich et al.			
		6,135,971	10/24/2000	Hutchinson et al.			
		6,156,029	12/05/2000	Mueller			
		6,210,330	04/03/2001	Tepper			
		6,221,014	04/24/2001	Bauer			
		6,246,898	06/12/2001	Vesely et al.			
		6,266,552	07/24/2001	Slettenmark			
		6,340,352	01/22/2002	Okada et al.			
		6,352,532	03/05/2002	Kramer et al.			
		6,371,903	04/16/2002	Blanc et al.			
		6,425,867	07/30/2002	Vaezy et al.			
		6,488,626	12/03/2002	Lizzi et al.			
		6,508,774	01/21/2003	Acker et al.			
		6,533,726	03/18/2003	Lizzi et al.			
		6,540,700	04/01/2003	Funimoto et al.			
		6,562,033	05/13/2003	Shah et al.			
		6,575,969	06/10/2003	Rittman et al.			
		6,635,054	10/21/2003	Fjield et al.			
		6,638,235	10/28/2003	Miller et al.			
		6,726,677	04/27/2004	Flaherty et al.			
		2004/0041880	03/04/2004	Ikedo et al.			
		RE33590	05/21/1991	Dory			

FOREIGN PATENT DOCUMENT

Trans

Examiner	Document No.	Date	Country	Class	Sub	Y	N
	2000/038580	07/06/2000	WO				
	2001/045550A2	06/28/2001	WO				
	2001/045550A3	12/13/2001	WO				
	10-14967	01/19/1989	JP				
	08-084470	03/26/1996	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Maass-Moreno, R. et al., "Noninvasive temperature estimation in tissue via ultrasound echo-shifts. Part I.
--	--

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	Filed: November 24, 2003	Group: 3768

	Analytical model," <u>J. Acoust. Soc. Am.</u> , 100 (4), Pt. 1, pp. 2514-2521 (10/1996)
	Maass-Moreno, R. et al., "Noninvasive temperature estimation in tissue via ultrasound echo-shifts. Part II. <i>In vitro</i> study," <u>J. Acoust. Soc. Am.</u> , 100 (4), Pt. 1, pp. 2522-2530 (10/1996)
	Seip, R. et al., "Noninvasive Real-Time Multipoint Temperature Control for Ultrasound Phased Array Treatments," <u>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</u> , Vol. 43, No. 6, pp. 1063-1073 (11/1996)
	Simon, C. et al., "Two-Dimensional Temperature Estimation Using Diagnostic Ultrasound," <u>IEEE Transactions of Ultrasonics, Ferroelectrics, and Frequency Control</u> , Vol. 45, No. 4, pp. 1088-1099 (4/1998)
Examiner:	Date Considered:

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